

# BIM – Integrated Practice Putting It All Together

*Integrated Project Delivery through  
Building Information Modeling (BIM)*

1/17/2008

1/11

*Topic: Putting It All Together*

*Presenter: Allan Partridge*



1. Why there is increased value through shared information
2. Addressing legal issues and exposures
3. Taking charge of the process - Trends
4. Project Alliances - the future of design & construction?
5. Sources and Support

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## Why there is increased value through shared information

1. Design Process & Creation of the Design are not the same
2. It is not just 2D or 3D it is 4D, 5D,.....
3. BIM has a life that extends beyond the real building
4. True value is to the owner - this is where the push will come from
5. Significant R\_Building efficiencies determined in the V\_Building.
6. Reduced Risk



## Addressing legal issues and exposures

1. Will be difficult to examine but not mitigate
2. Challenge to firms in moving from CAD to BIM
3. Next generation practices will have new rules



## Taking charge of the process - Trends

1. Opportunity to regain control
2. "What is good for the profession" is replaced by "What is good for the public"
3. Next generation practices will become more capable
4. Experience with BIM will breed awareness and drive demand
5. Owners increasingly will take a leadership role
6. Users will lead the way to define tangible benefits of interoperability
7. Universal interoperability between all applications will not be the near term solution
8. Major software companies will respond to market demands - but at their pace
9. This will spawn and unprecedented entrepreneurial opportunity



## Project Alliances

### Concept:

- Bring everyone to the table
- Commit to an enforceable no-blame contract
  - Collective obligations
  - Specifically limited right of action
  - No prescribed dispute resolution mechanism
- Commit to share risk & reward
- **Not a PPP (P3)**
- BIM make process work better





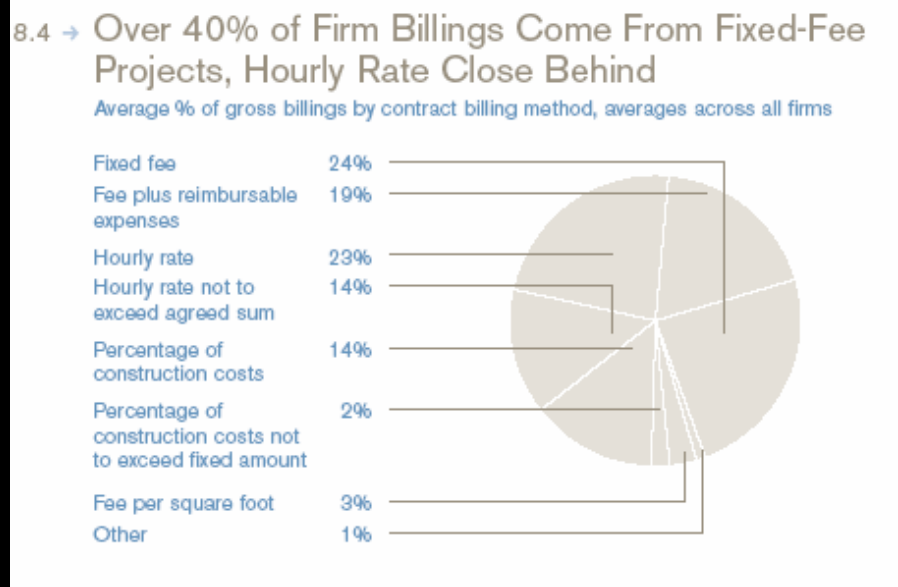
# Project Alliances - Panacea for Current Problems?

## Risk Transfer / Blame Game

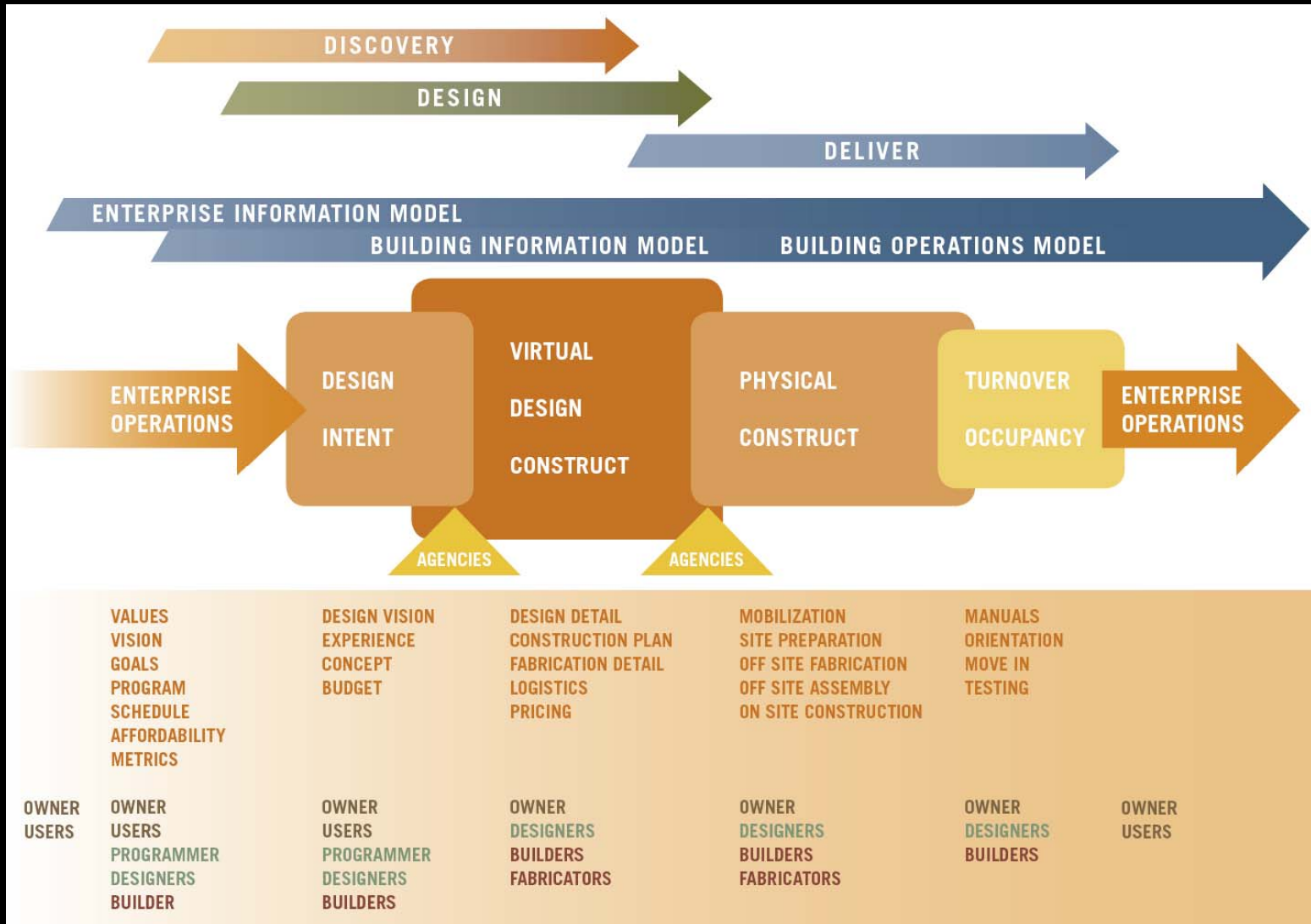
- Design Bid Build
- Design Assist
- Design/Build
- Partnering

Paid on cost rather than value

No incentive for collaboration



# Project Alliances - Panacea for Current Problems?



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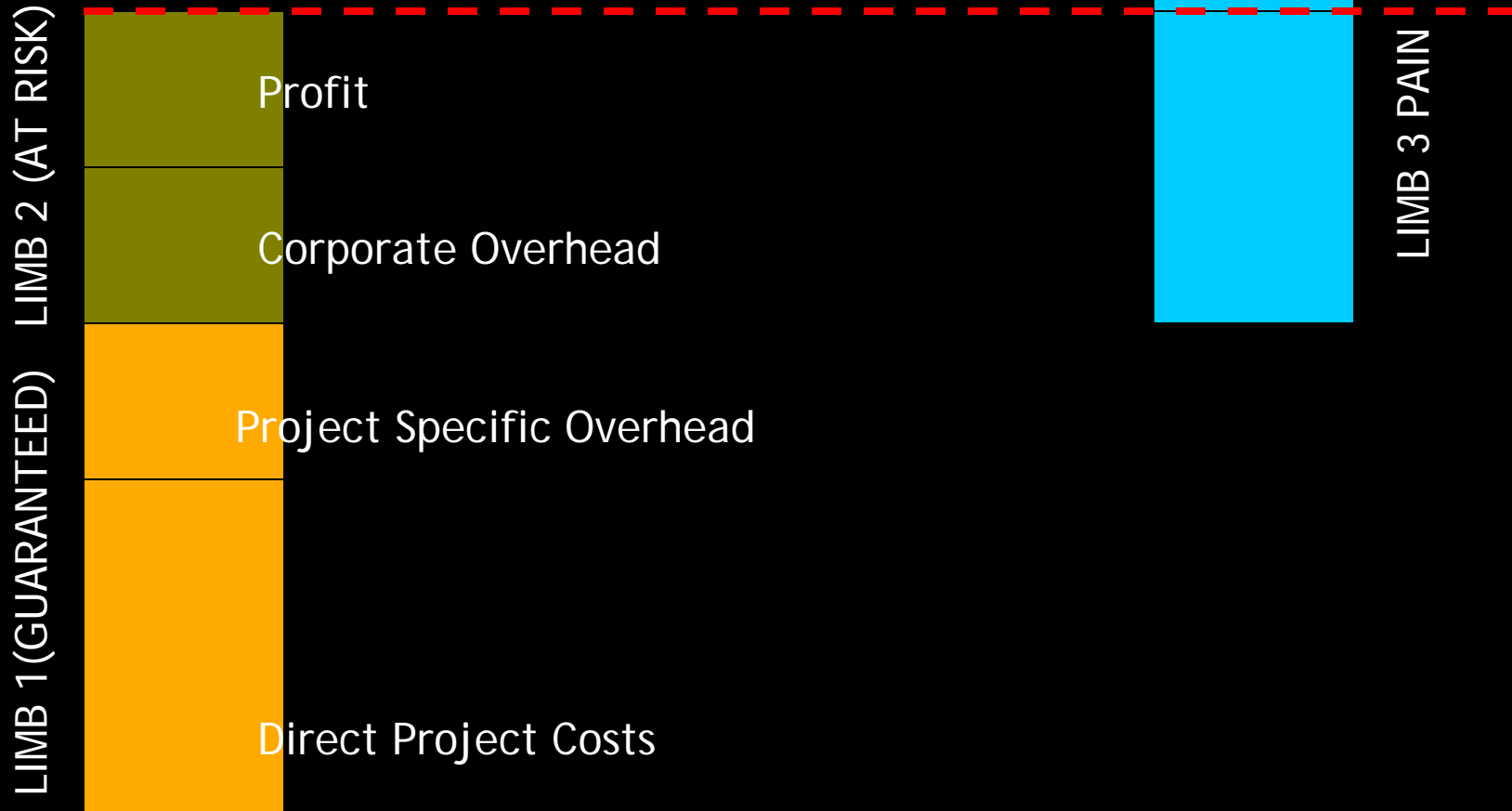
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# Project Alliances - Panacea for Current Problems?



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## Support

1. You and others who attended this session
2. Nationwide - RAIC to publish those who attended
3. Peers



# Questions

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